

Lab Activity 15

Requirement Statements:

functional and non-functional requirements

Labelling Statements: Requirement Statements? Functional/non-functional requirements? Constraint?

Answer the following about each of the statements below:

- (a) Are the following statements examples of a **requirement statement**? (Yes or No).
- (b) If you answered “Yes” (i.e. you think this statement is a requirement statement), then decide if the statement is (i) a **functional requirement**, (ii) a **non-functional requirement**, or (iii) a **constraint**.
- (c) Be sure to state your assumptions / explanations next to each statement you are answering.

Label these statements:

1. Employees of **Fun Technology 'R' Us** should never be allowed to update their salary information in the company's system. Such an attempt should be reported to the security administrator.
2. The application should be written (developed) in the programming language PROLOG.
3. The **Eye See You** iris scanning application should authenticate a customer in 10 seconds or less.
4. The client, UVa Registrar, requests that all registered UVa students should be able to log in security to the **SuperSIS** software using the UVa Netbadge authentication module.
5. The **vehicle tracking system** measures the speed with a precision of ± 0.016 mph.
6. The **vehicle tracking system** measures the speed of the vehicle.
7. The pages of the website take 850 ms. to load.